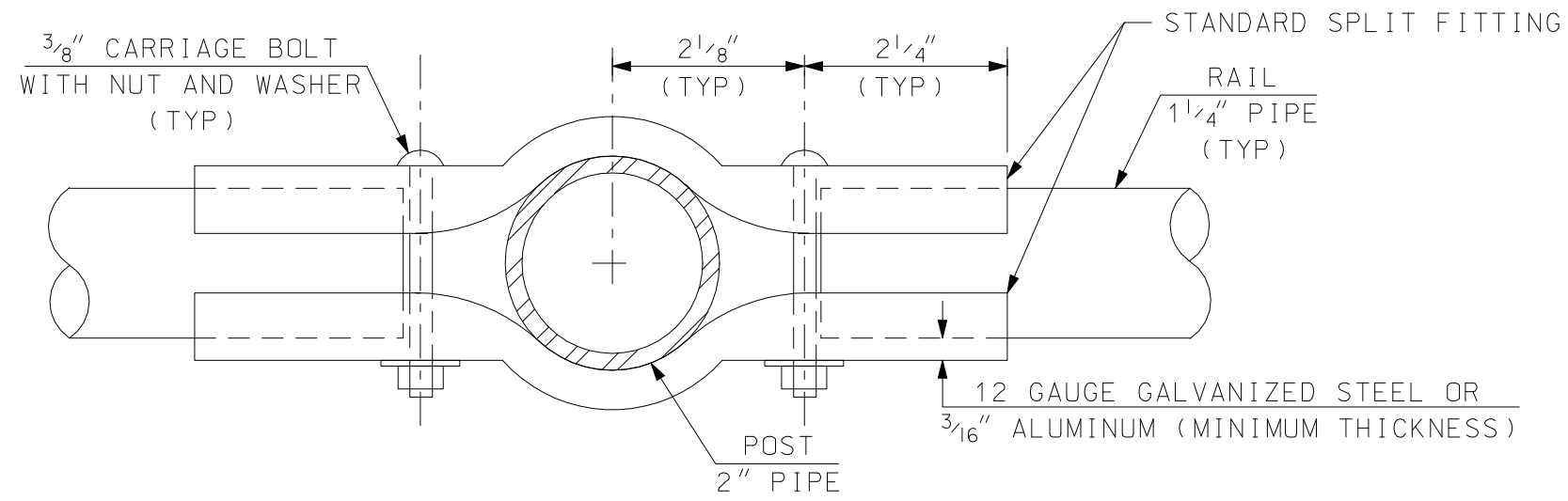
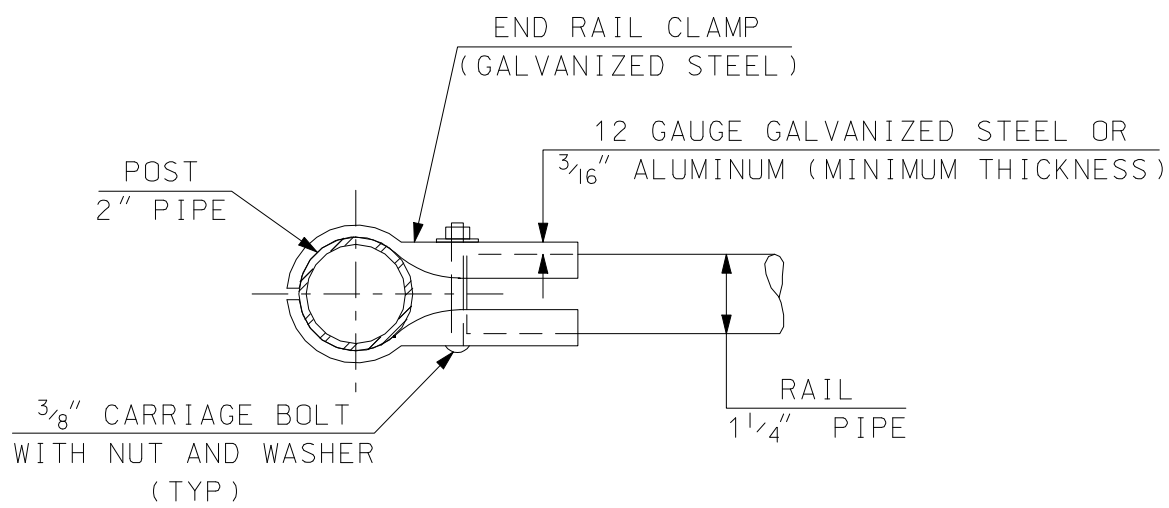


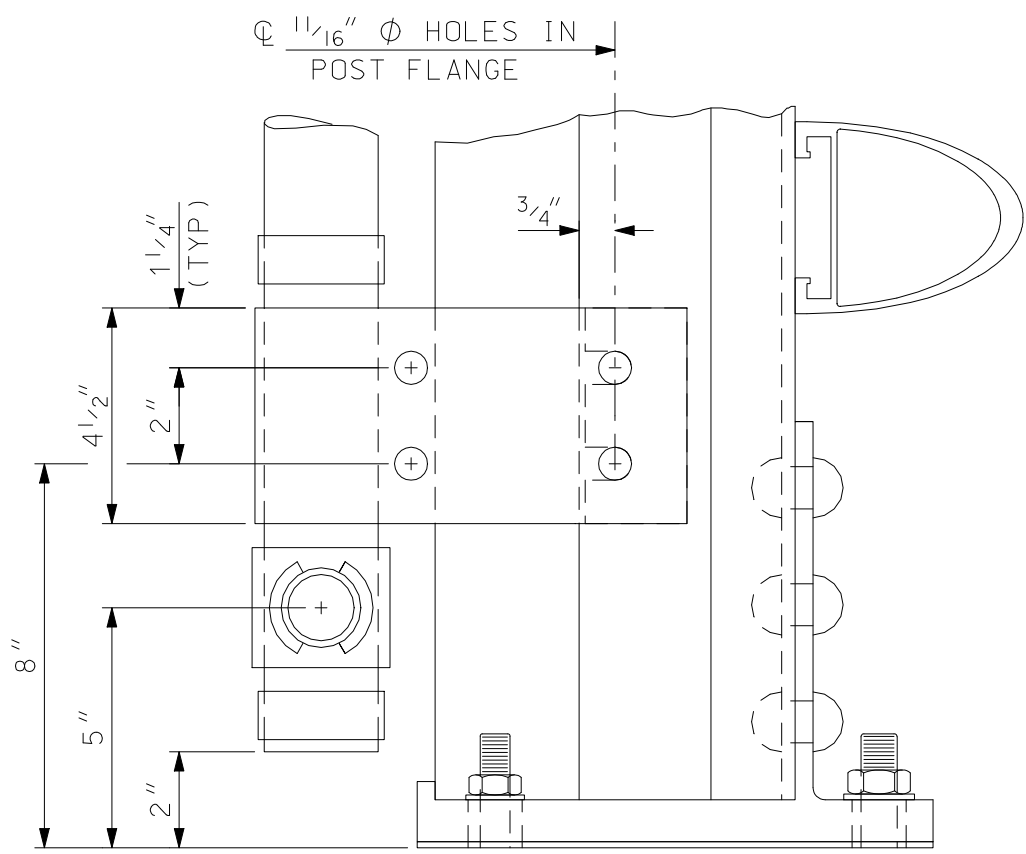
SECTION A-A
SCALE: 1/2" = 1'-0"



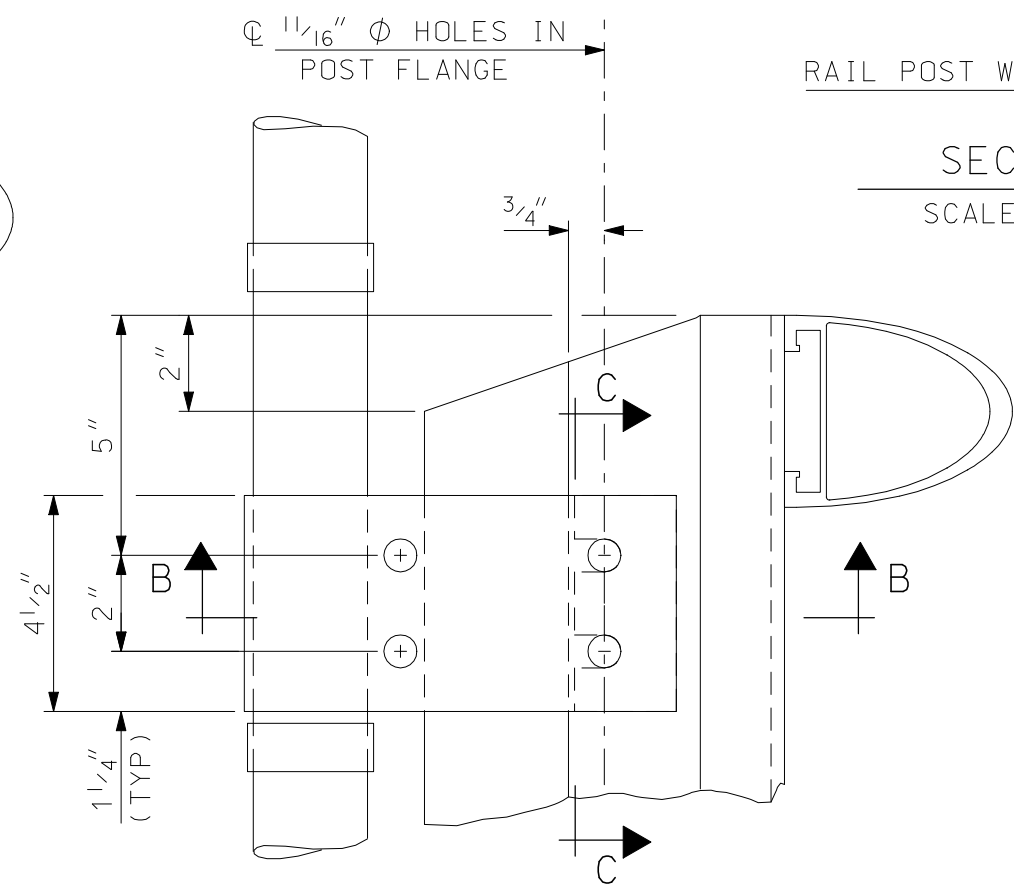
BOULEVARD CLAMP DETAIL
SCALE: 6" = 1'-0"



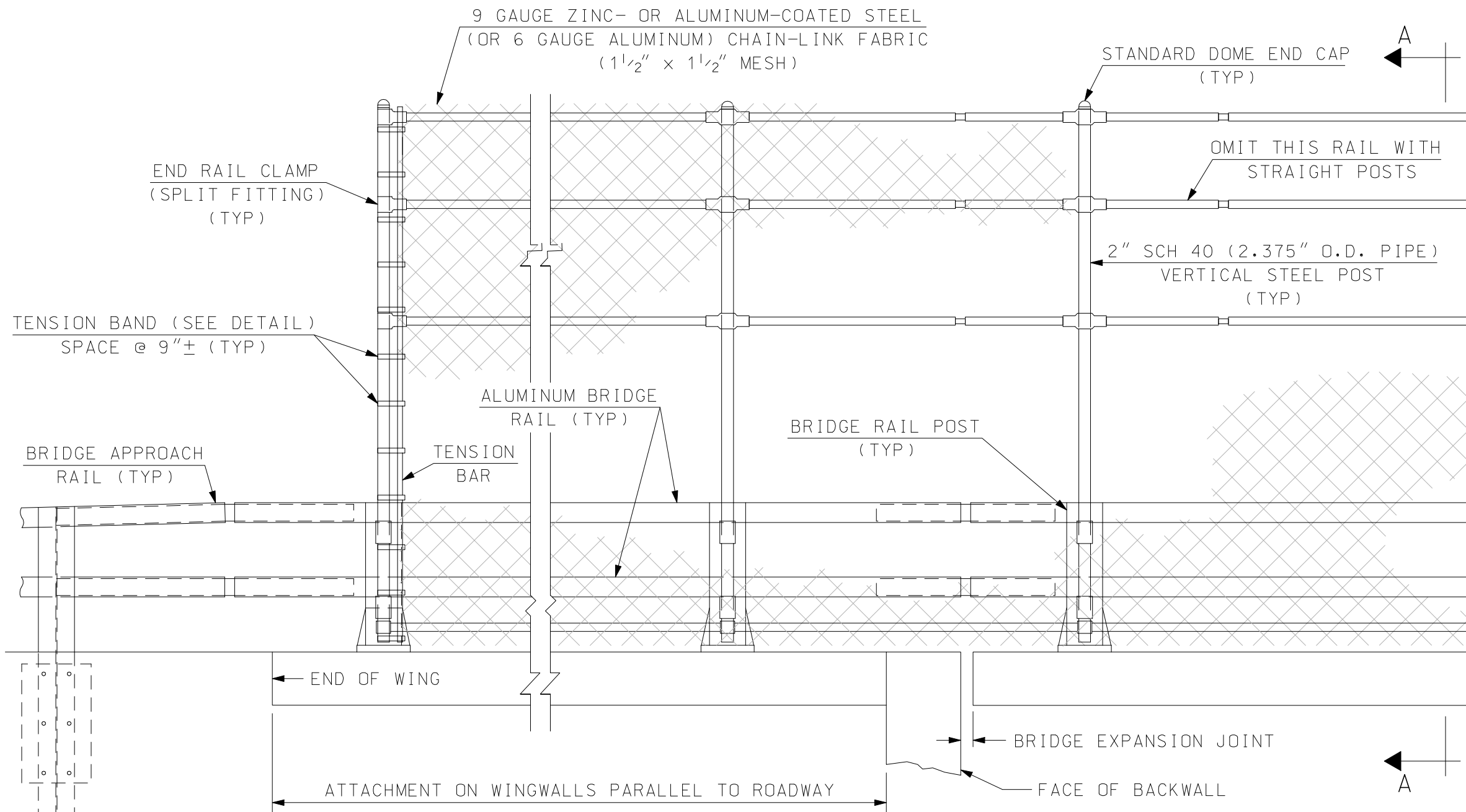
END RAIL CLAMP
(AT END POST)
SCALE: 3" = 1'-0"



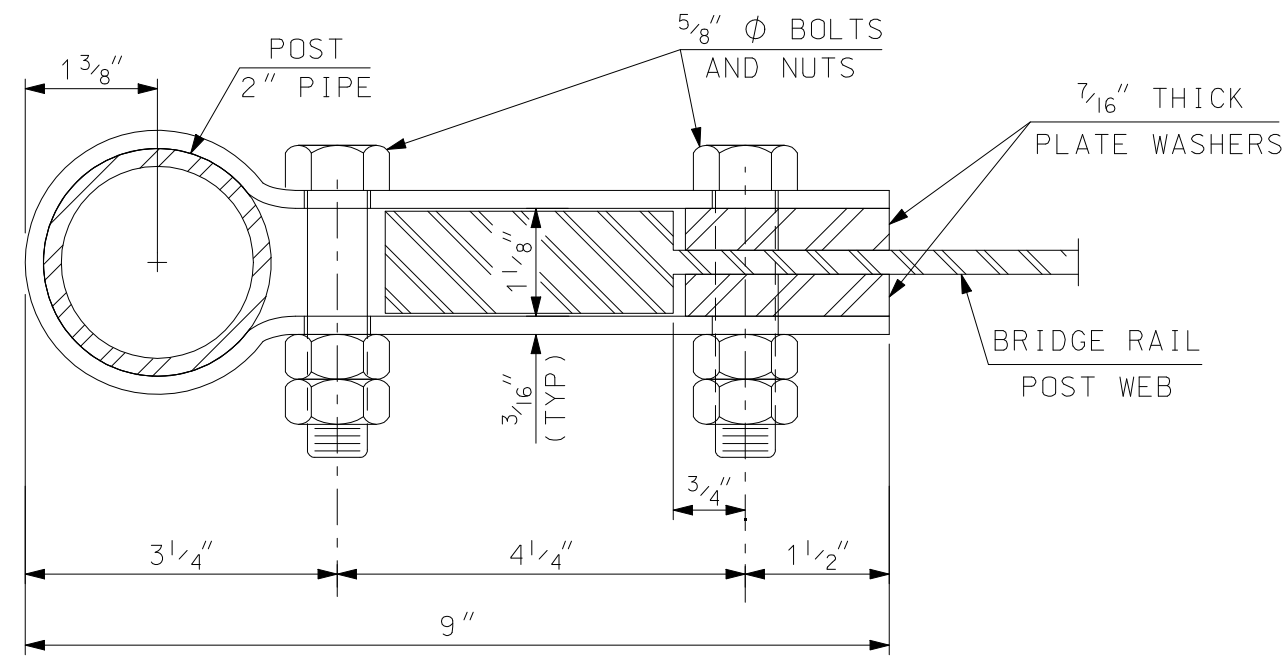
LOWER CLAMP DETAILS
TYPICAL WITH 2-BAR & 3-BAR RAIL
(BASE OF FENCE)
SCALE: 3" = 1'-0"



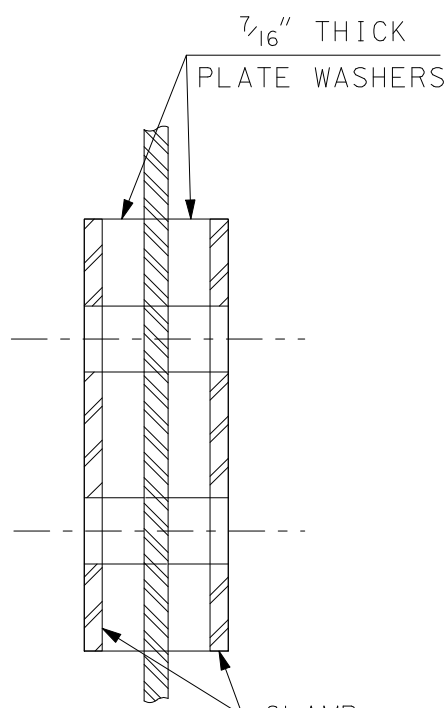
UPPER CLAMP DETAILS
TYPICAL WITH 2-BAR & 3-BAR RAIL
(TOP OF RAIL POST)
SCALE: 3" = 1'-0"



BACK SIDE ELEVATION VIEW
SCALE: 1/2" = 1'-0"



SECTION B-B
SCALE: 6" = 1'-0"



SECTION C-C
SCALE: 6" = 1'-0"

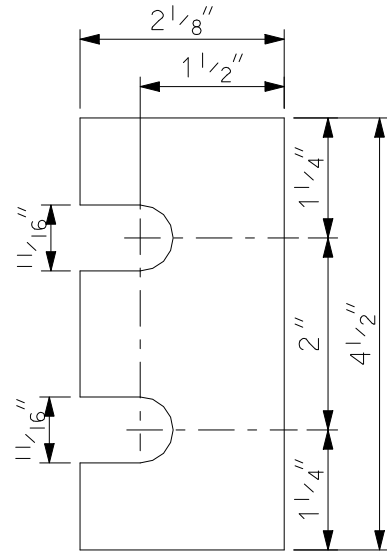
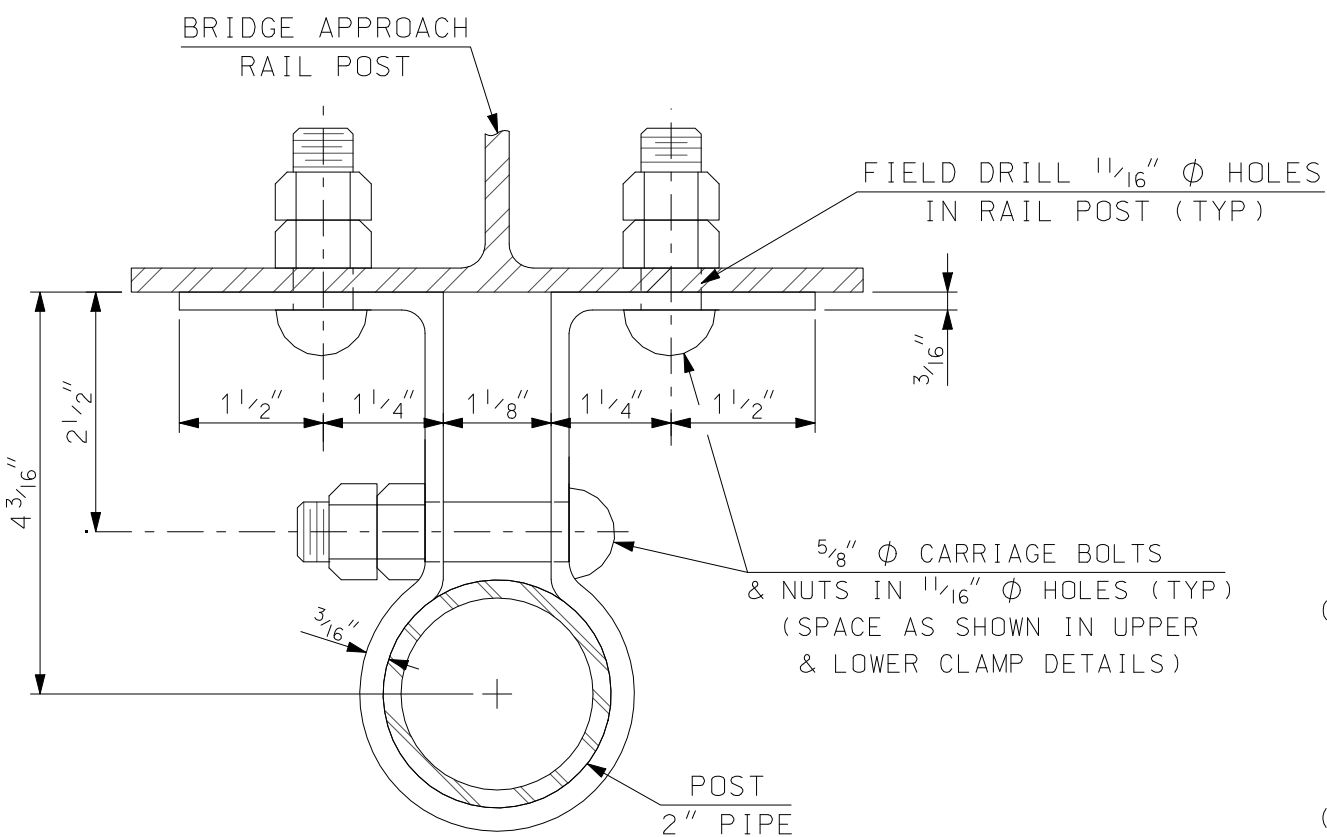
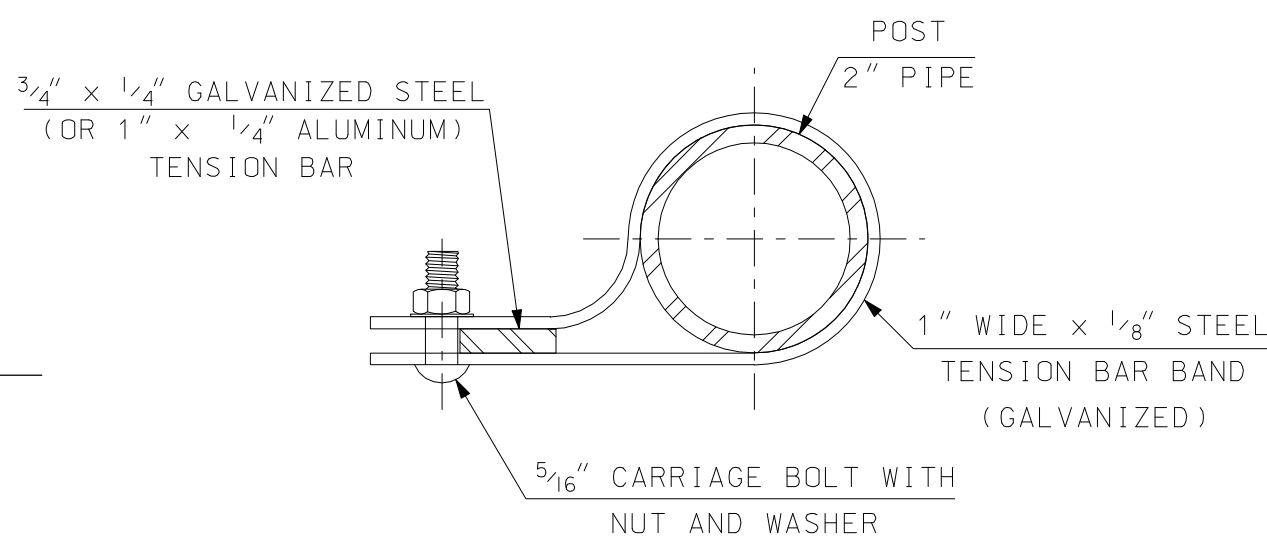


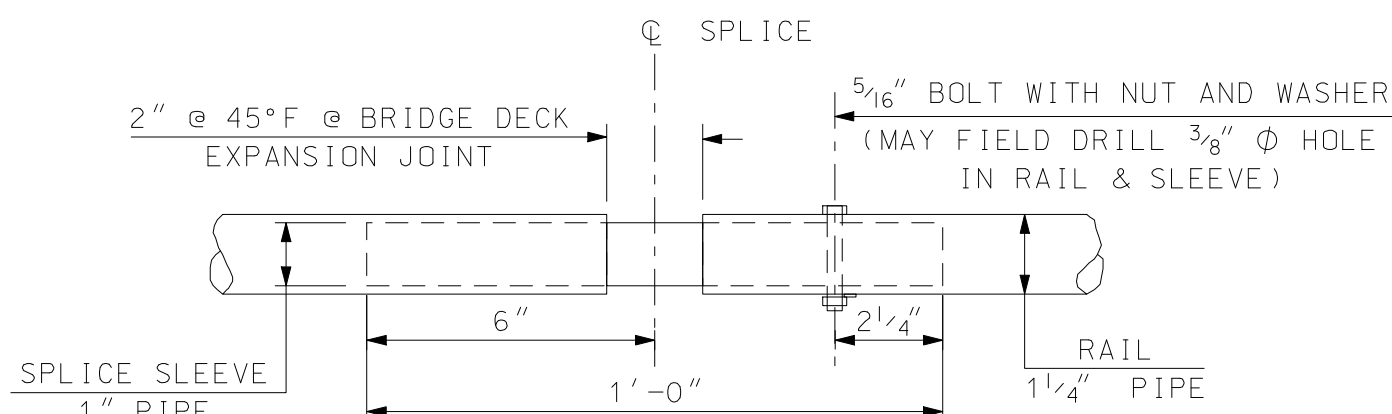
PLATE WASHER DETAIL
SCALE: 6" = 1'-0"



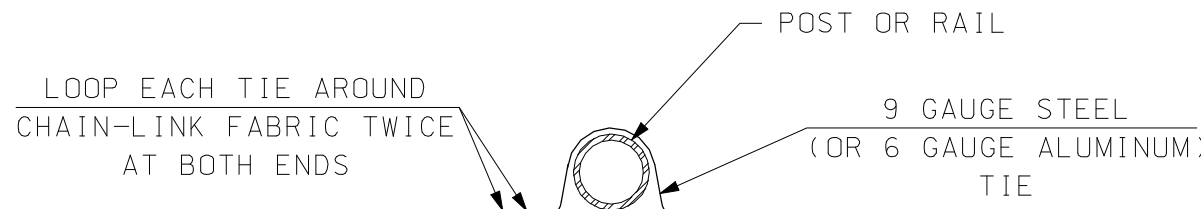
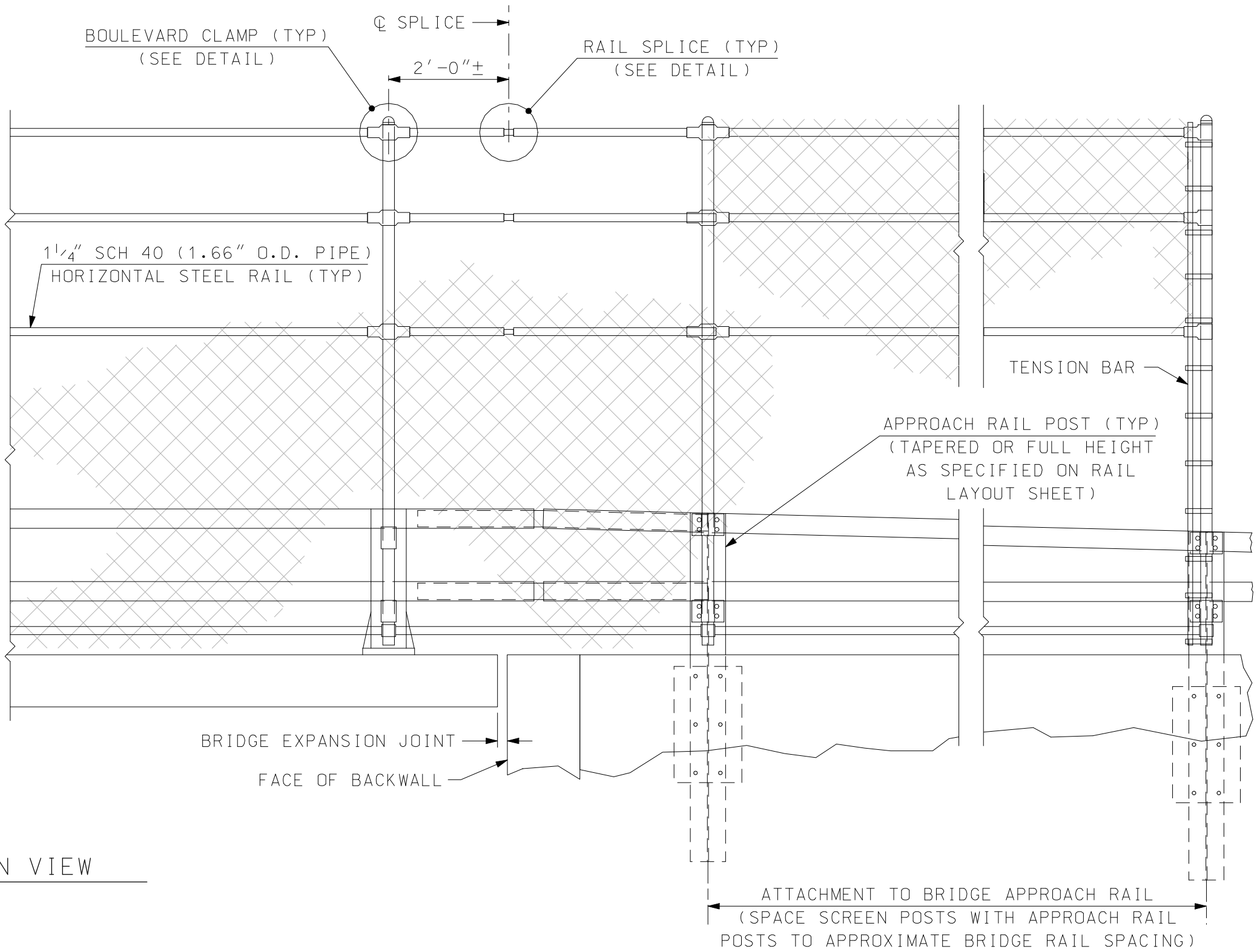
CLAMP AT APPROACH RAIL
SCALE: 6" = 1'-0"



TENSION BAND DETAIL
SCALE: 6" = 1'-0"



RAIL SPLICE DETAIL
SCALE: 3" = 1'-0"



DOUBLE PIGTAILED TIE
NOT TO SCALE

GENERAL NOTES

- CHAIN-LINK FABRIC SHALL BE 9 GAUGE STEEL, ZINC-COATED CONFORMING TO AASHTO M 181, TYPE I, CLASS D (ASTM A 392), ALUMINUM-COATED CONFORMING TO AASHTO M 181, TYPE II (ASTM A 491) OR 6 GAUGE ALUMINUM ALLOY CONFORMING TO AASHTO M 181, TYPE III (ASTM F 1183). CHAIN-LINK FABRIC SHALL BE KNUCKLED ON TOP AND BOTTOM. THE SIZE OF WIRE MESH (FABRIC) SHALL BE 1 1/2".
- WIRE TIES SHALL BE STANDARD ROUND 9 GAUGE ZINC- OR ALUMINUM-COATED STEEL OR 6 GAUGE ALUMINUM ALLOY CONFORMING TO ASTM F 626. ALL TIES SHALL BE WRAPPED AROUND CHAIN-LINK FABRIC TWICE (DOUBLE PIGTAILED) AT BOTH ENDS. SPACE TIES @ 6" O.C. TO BOTTOM RAIL AND @ 12" O.C. TO ALL POSTS AND OTHER RAILS.
- POST AND RAIL PIPE SHALL BE HOT-DIP GALVANIZED STEEL CONFORMING TO AASHTO M 181, GRADE 1 (ASTM F 1083) OR ALUMINUM ALLOY CONFORMING TO AASHTO M 181 (ASTM B 429, ALLOY 6063-T6). ALL PIPE SHALL BE SCHEDULE 40, STANDARD WEIGHT. NOMINAL PIPE SIZES ARE SHOWN ON THE DRAWING.
- TENSION BARS, BAR BANDS, BOULEVARD AND END RAIL CLAMPS SHALL BE STEEL OR ALUMINUM ALLOY CONFORMING TO AASHTO M 181 (ASTM F 626). STEEL COMPONENTS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111 (ASTM A 123) OR AASHTO M 232 (ASTM A 153) AS APPLICABLE.
- ALL BOLTS AND NUTS SHALL BE STEEL CONFORMING TO ASTM A 307 AND ASTM A 563 GRADE A RESPECTIVELY. WASHERS SHALL BE HARDENED STEEL COMMERCIAL TYPE A PLAIN AND SHALL MEET THE DIMENSIONAL REQUIREMENTS OF ANSI B18.22. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M 111 (ASTM A 123) OR AASHTO M 232 (ASTM A 153) AS APPLICABLE.
- RAIL SPLICES SHALL BE PROVIDED AT BRIDGE DECK EXPANSION JOINT(S) AND BRIDGE RAIL SPLICES AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- RAIL MAY BE FIELD CUT (SAWN) TO FIT POST SPACING. GALVANIZED RAIL, CUT OR DRILLED AS ALLOWED, SHALL BE TOUCHED-UP IN ACCORDANCE WITH 563.3.2.2.3.
- ALL COSTS FOR CHAIN-LINK FABRIC, POSTS, RAILS AND APPURTENANCES SHALL BE INCLUDED IN ITEM 563.721, BRIDGE RAIL F (2-BAR) WITH PROTECTIVE SCREENING (F), OR ITEM 563.731, BRIDGE RAIL F (3-BAR) WITH PROTECTIVE SCREENING (F).
- SEE BRIDGE RAIL AND BRIDGE APPROACH RAIL SHEETS FOR ADDITIONAL DETAILS.

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE DESIGN									
TOWN			BRIDGE NO.				STATE PROJECT		
LOCATION									
PROTECTIVE SCREEN WITH ALUMINUM RAIL								BRIDGE SHEET	
REVISIONS AFTER PROPOSAL			BY		DATE	BY		DATE	OF
			DESIGNED	NHDOT	9/98	CHECKED	CMW	10/98	FILE NUMBER
			DRAWN	GMC	2/06	CHECKED	PJP/MGL	4/06	
			QUANTITIES			CHECKED			
			ISSUE DATE	11/98	FEDERAL PROJECT NO.			SHEET NO.	TOTAL SHEETS
			REV. DATE	8/30/06					

SUBDIRECTORY	DGN LOCATOR	SHEET SCALE
English/AL-RAIL	AL-PROSCREEN	AS NOTED